

12/21/06

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------|---|------------------|---------|------------------|
| L1 | 2 | "20050244965" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 14:58 |
| L2 | 2 | "6071889".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:05 |
| L3 | 2 | "5981165".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:06 |
| L4 | 2 | "5750376".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:07 |
| L5 | 2 | "6399369".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:08 |
| L6 | 2 | "6294346".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:08 |
| L7 | 2 | "5980885".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:09 |
| L8 | 2 | "6497872".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:10 |
| L9 | 2 | "5851832".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:11 |

EAST Search History

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|-----|-------|--|---|----|----|------------------|
| L10 | 2 | "6165783".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:12 |
| L11 | 2 | "6368854".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:12 |
| L12 | 2 | "7105342".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:13 |
| L13 | 2 | "6844312".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:14 |
| L14 | 2 | "7033995".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:14 |
| L15 | 3 | "7101709".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:14 |
| L16 | 3 | "7115418".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:18 |
| L17 | 14969 | weiss-s.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:19 |
| L18 | 59 | L17 and oligodendrocyte | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:19 |
| L19 | 3 | L18 and (oligodendrocyte adj promot\$\$ adj factor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:30 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| L20 | 54 | L18 and (neural adj stem) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:20 |
| L21 | 3 | ((multipotent or multi-potent) adj (neural or neuronal) adj stem) or ((neural or neuronal) adj stem)) and (oligodendrocyte adj promot\$\$ adj factor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:30 |
| L22 | 401 | ((multipotent or multi-potent) adj (neural or neuronal) adj stem) or ((neural or neuronal) adj stem)) and (GM-CSF or C-CSF or IL-3 or IL-5 or (granulocyte-macrophage adj colony adj stimulating adj factor) or (granulocyte adj macrophage adj colony adj stimulating adj factor) or (granulocyte adj colony adj stimulating adj factor) or interleukin-3 or interleukin-5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:31 |
| L23 | 191 | L22 and oligodendrocyte | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:00 |
| L24 | 92 | L22 and ((produce or differentiat\$\$ or deriv\$\$) with oligodendrocyte) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:30 |
| L25 | 56 | L22 and ((produce or differentiat\$\$ or deriv\$\$) adj4 oligodendrocyte) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:30 |
| L26 | 3 | (oligodendrocyte adj promot\$\$ adj factor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:30 |
| L27 | 312 | ((multipotent or multi-potent) adj (neural or neuronal) adj stem) or ((neural or neuronal) adj stem)) and ((produce or differentiat\$\$ or deriv\$\$) adj4 oligodendrocyte) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:00 |

EAST Search History

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|-----|----|--|---|----|----|------------------|
| L28 | 56 | L27 and (GM-CSF or C-CSF or IL-3 or IL-5 or (granulocyte-macrophage adj colony adj stimulating adj factor) or (granulocyte adj macrophage adj colony adj stimulating adj factor) or (granulocyte adj colony adj stimulating adj factor) or interleukin-3 or interleukin-5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:01 |
| L29 | 84 | L27 and (GM-CSF or C-CSF or IL-3 or IL-5 or (granulocyte-macrophage adj colony adj stimulating adj factor) or (granulocyte adj macrophage adj colony adj stimulating adj factor) or (granulocyte adj colony adj stimulating adj factor) or interleukin-3 or interleukin-5 or triiodothyronine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:32 |
| L30 | 28 | L29 and @ad<"20020730" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:34 |
| L31 | 12 | L30 and (brain adj tissue) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:33 |
| L32 | 1 | L30 and ((brain adj tissue) and (subventricular adj zone)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:34 |
| L33 | 12 | EGF51N | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:34 |
| L34 | 4 | L33 and @ad<"20020730" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:39 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| L35 | 27 | L30 and ((epidermal adj growth adj factor) or (EGF) or (fibroblast adj growth adj factor) or FGF or (pituitary adj adenylate adj cyclase-activating) or PACAP or (transforming adj growth adj factor adj alpha) or ("TGF.alpha") or (ciliary adj neurotrophic adj factor) or CNTF or estrogen or (ovarian adj hormone) or prolactin or (growth adj hormone) or (insulin-like adj growth adj factor-1) or IGF-1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:41 |
| L36 | 0 | L30 and (EGF51N) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:38 |
| L37 | 0 | L30 and ((EGF51N) or (EGF-51N)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:39 |
| L38 | 2 | L27 and ((EGF51N) or (EGF-51N)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:39 |
| L39 | 0 | L38 and @ad<"20020730" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:03 |
| L40 | 28 | L30 and (human or dog or canine or cat or feline or rodent or murine or rat or mouse or mice or sheep or ovine or goat or cattle or bovine or beef or horse or equine or pig or porcine or primate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:41 |
| L41 | 27 | L40 and ((epidermal adj growth adj factor) or (EGF) or (fibroblast adj growth adj factor) or FGF or (pituitary adj adenylate adj cyclase-activating) or PACAP or (transforming adj growth adj factor adj alpha) or ("TGF.alpha") or (ciliary adj neurotrophic adj factor) or CNTF or estrogen or (ovarian adj hormone) or prolactin or (growth adj hormone) or (insulin-like adj growth adj factor-1) or IGF-1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:58 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| L42 | 25 | "5128242".pn. or "5198542".pn. or "5208320".pn. or "5326860".pn. or "5547935".pn. or "5623050".pn. or "5750376".pn. or "5801147".pn. or "5851832".pn. or "5955346".pn. or "5980885".pn. or "6191106".pn. or "6242563".pn. or "6429186".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 15:59 |
| L43 | 4 | L42 and oligodendrocyte | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:00 |
| L44 | 4 | L42 and (((multipotent or multi-potent) adj (neural or neuronal) adj stem) or ((neural or neuronal) adj stem)) and ((produce or differentiat\$\$ or deriv\$\$) adj4 oligodendrocyte)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:06 |
| L45 | 1 | L42 and (GM-CSF or C-CSF or IL-3 or IL-5 or (granulocyte-macrophage adj colony adj stimulating adj factor) or (granulocyte adj macrophage adj colony adj stimulating adj factor) or (granulocyte adj colony adj stimulating adj factor) or interleukin-3 or interleukin-5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:01 |
| L46 | 0 | L43 and (GM-CSF or C-CSF or IL-3 or IL-5 or (granulocyte-macrophage adj colony adj stimulating adj factor) or (granulocyte adj macrophage adj colony adj stimulating adj factor) or (granulocyte adj colony adj stimulating adj factor) or interleukin-3 or interleukin-5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:01 |
| L47 | 0 | L43 and (GM-CSF or C-CSF or IL-3 or IL-5 or (granulocyte-macrophage adj colony adj stimulating adj factor) or (granulocyte adj macrophage adj colony adj stimulating adj factor) or (granulocyte adj colony adj stimulating adj factor) or interleukin-3 or interleukin-5 or triiodothyronine or tri-iodothyronine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:06 |
| L48 | 4 | L44 and @ad<"20020730" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:07 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| L49 | 19 | "9410292" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:06 |
| L50 | 15 | "9615226" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:05 |
| L52 | 4 | "2003040310" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:05 |
| L53 | 13 | (L49 or L50 or L51) and oligodendrocyte | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:05 |
| L55 | 6 | L53 and (((multipotent or multi-potent) adj (neural or neuronal) adj stem) or ((neural or neuronal) adj stem)) and ((produce or differentiat\$\$ or deriv\$\$) adj4 oligodendrocyte)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:06 |
| L56 | 1 | L55 and (GM-CSF or C-CSF or IL-3 or IL-5 or (granulocyte-macrophage adj colony adj stimulating adj factor) or (granulocyte adj macrophage adj colony adj stimulating adj factor) or (granulocyte adj colony adj stimulating adj factor) or interleukin-3 or interleukin-5 or triiodothyronine or tri-iodothyronine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:06 |
| L57 | 6 | L55 and @ad<"20020730" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/21 16:07 |

Dialog 10/523,253
12/21/06 LLM

? d s

| Set | Items | Description |
|-----|-------|---|
| S1 | 195 | S AU=WEISS, S |
| S2 | 0 | S S1 AND OLIGODENDROCYTE |
| S3 | 11 | S S1 AND (NEURAL (W) STEM) |
| S4 | 11 | RD (unique items) |
| S5 | 0 | S S4 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S6 | 1 | S (OLIGODENDROCYTE (W) PROMOTING (W) FACTOR) |
| S7 | 1128 | S ((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE) |
| S8 | 52 | S S7 AND ((MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) STEM) OR ((NEURAL OR NEURONAL) (W) STEM) |
| S9 | 0 | S S8 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S10 | 2 | S S7 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S11 | 1 | RD (unique items) |
| S12 | 16856 | S ((MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) STEM) OR ((NEURAL OR NEURONAL) (W) STEM) |
| S13 | 936 | S S12 AND OLIGODENDROCYTE |
| S14 | 7 | S S13 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S15 | 3 | RD (unique items) |
| S16 | 75 | S S12 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S17 | 7 | S S16 AND OLIGODENDROCYTE |
| S18 | 0 | S S16 AND ((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE)) |
| S19 | 1128 | S ((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE)) |
| S20 | 2 | S S19 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S21 | 1 | RD (unique items) |
| S22 | 4 | S EGF51N |
| S23 | 4 | RD (unique items) |
| S24 | 3 | S S15 AND ((EPIDERMAL (W) GROWTH (W) FACTOR) OR (EGF) OR (FIBROBLAST (W) GROWTH (W) FACTOR) OR FGF OR (PITUITARY (W) ADENYLYLATE (W) CYCLASE-ACTIVATING) OR PACAP OR (TRANSFORMING (W) GROWTH (W) FACTOR (W) ALPHA) OR (TGF(W)ALPHA) OR (CILIARY (W) NEUROTROPHIC (W) FACTOR) OR CNTF OR ESTROGEN OR (OVARIAN (W) HORMONE) OR PROLACTIN OR (GROWTH (W) HORMONE) OR (INSULIN-LIKE (W) GROWTH (W) FACTOR-1) OR IGF-1) |
| S25 | 3 | RD (unique items) |

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[File 172] EMBASE Alert 2006/Dec 21

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[File 185] Zoological Record Online(R) 1978-2006/Dec

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[File 391] Beilstein Reactions 2006/Q4

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[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec

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[File 467] ExtraMED(tm) 2000/Dec

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? s au=weiss, s
S1 195 S AU=WEISS, S

? s s1 and oligodendrocyte
195 S1
31097 OLIGODENDROCYTE
S2 0 S S1 AND OLIGODENDROCYTE

? s s1 and (neural (w) stem)
195 S1
2608344 NEURAL
982473 STEM
16128 NEURAL(W) STEM
S3 11 S S1 AND (NEURAL (W) STEM)

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S4 11 RD (UNIQUE ITEMS)

? s s4 and (GM-CSF or C-CSF or IL-3 or IL-5 or (granulocyte-macrophage (w) colony (w)
stimulating (w) factor) or (granulocyte (w) macrophage (w) colony (w) stimulating (w)
factor) or (granulocyte (w) colony (w) stimulating (w) factor) or interleukin-3 or

interleukin-5)

Processing

Processing

| | |
|---------|--|
| 11 | S4 |
| 12656 | GM-CSF |
| 17 | C-CSF |
| 2044 | IL-3 |
| 2192 | IL-5 |
| 4756 | GRANULOCYTE-MACROPHAGE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 0 | GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR |
| 268679 | GRANULOCYTE |
| 577304 | MACROPHAGE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 98430 | GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR |
| 268679 | GRANULOCYTE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 80300 | GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR |
| 12661 | INTERLEUKIN-3 |
| 9677 | INTERLEUKIN-5 |

S5 0 S S4 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5)

? s (oligodendrocyte (w) promoting (w) factor)
31097 OLIGODENDROCYTE
330301 PROMOTING
5996818 FACTOR

S6 1 S (OLIGODENDROCYTE (W) PROMOTING (W) FACTOR)

? t s6/medium

6/3/1 (Item 1 from file: 357) [Links](#)

Derwent Biotech Res.

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0336279 DBA Accession No.: 2004-08571 PATENT

Producing oligodendrocytes from mammalian multipotent neural stem cells, useful for treating demyelinating diseases, comprises contacting multipotent neural stem cells with at least one oligodendrocyte promoting factor oligodendrocyte production via cell culture for use in disease therapy

Author: WEISS S

Patent Assignee: STEM CELL THERAPEUTICS INC 2004

Patent Number: WO 200411632 Patent Date: 20040205 WPI Accession No.: 2004-143857 (200414)

Priority Application Number: US 399192 Application Date: 20020730

National Application Number: WO 2003CA1151 Application Date: 20030730

Language: English

? s ((produce or differentiat?? or deriv??) (4n) oligodendrocyte)

1732398 PRODUCE
696435 DIFFERENTIAT??
3774920 DERIV??
31097 OLIGODENDROCYTE

S7 1128 S ((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE)

? s s7 and (((multipotent or multi-potent) (w) (neural or neuronal) (w) stem) or ((neural or neuronal) (w) stem))

1128 S7
15336 MULTIPOTENT
10 MULTI-POTENT
2608344 NEURAL
834052 NEURONAL
982473 STEM
390 (MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) STEM
2608344 NEURAL
834052 NEURONAL
982473 STEM
16856 (NEURAL OR NEURONAL) (W) STEM

S8 52 S S7 AND (((MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) STEM) OR ((NEURAL OR NEURONAL) (W) STEM))

? S S8 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5)

Processing

52 S8
12656 GM-CSF
17 C-CSF
2044 IL-3
2192 IL-5
4756 GRANULOCYTE-MACROPHAGE
533796 COLONY
665087 STIMULATING
5996818 FACTOR
0 GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR
268679 GRANULOCYTE
577304 MACROPHAGE
533796 COLONY
665087 STIMULATING
5996818 FACTOR
98430 GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR
268679 GRANULOCYTE
533796 COLONY
665087 STIMULATING
5996818 FACTOR
80300 GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR
12661 INTERLEUKIN-3
9677 INTERLEUKIN-5

S9 0 S S8 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5)

? S S7 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5)

Processing

| | |
|---------|--|
| 1128 | S7 |
| 12656 | GM-CSF |
| 17 | C-CSF |
| 2044 | IL-3 |
| 2192 | IL-5 |
| 4756 | GRANULOCYTE-MACROPHAGE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 0 | GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR |
| 268679 | GRANULOCYTE |
| 577304 | MACROPHAGE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 98430 | GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR |
| 268679 | GRANULOCYTE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 80300 | GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR |
| 12661 | INTERLEUKIN-3 |
| 9677 | INTERLEUKIN-5 |

S10 2 S S7 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5)

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S11 1 RD (UNIQUE ITEMS)

? t s11/medium

11/3/1 (Item 1 from file: 5) Links

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCECIRECT](#)

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0010152086 Biosis No.: 199698619919

Microglial-derived GM-CSF stimulates oligodendrocyte function in the central nervous system

Author: Hamilton Steven P (Reprint); Chung Grace Y; Rome Leonard H (Reprint); Baldwin Gayle Cocita

Author Address: Dep. Biol. Chem., UCLA Sch. Med., Los Angeles, CA, USA**USA

Journal: Blood 86 (10 SUPPL. 1): p 25A 1995 1995

Conference/Meeting: 37th Annual Meeting of the American Society of Hematology Seattle, Washington, USA December 1-5, 1995; 19951201

ISSN: 0006-4971

Document Type: Meeting; Meeting Abstract; Meeting Poster

Record Type: Citation

Language: English

? t s11/full

11/9/1 (Item 1 from file: 5) Links

Fulltext available through: USPTO Full Text Retrieval Options SCIENCECIRECT
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0010152086 Biosis No.: 199698619919

Microglial-derived GM-CSF stimulates oligodendrocyte function in the central nervous system

Author: Hamilton Steven P (Reprint); Chung Grace Y; Rome Leonard H (Reprint); Baldwin Gayle Cocita

Author Address: Dep. Biol. Chem., UCLA Sch. Med., Los Angeles, CA, USA**USA

Journal: Blood 86 (10 SUPPL. 1): p 25A 1995 1995

Conference/Meeting: 37th Annual Meeting of the American Society of Hematology Seattle, Washington, USA
December 1-5, 1995; 19951201

ISSN: 0006-4971

Document Type: Meeting; Meeting Abstract; Meeting Poster

Record Type: Citation

Language: English

Descriptors:

Major Concepts: Blood and Lymphatics--Transport and Circulation; Cell Biology; Endocrine System--Chemical Coordination and Homeostasis; Metabolism; Nervous System-- Neural Coordination

Biosystematic Names: Muridae--Rodentia, Mammalia, Vertebrata, Chordata, Animalia

Organisms: rat (Muridae)

Common Taxonomic Terms: Animals; Chordates; Mammals; Nonhuman Vertebrates; Nonhuman Mammals; Rodents; Vertebrates

Miscellaneous Terms: DNA SYNTHESIS; GLIAL CELL; GRANULOCYTE MACROPHAGE-COLONY STIMULATING FACTOR ; IN SITU HYBRIDIZATION; INTERLEUKIN-3; MEETING ABSTRACT; MEETING POSTER; Meeting Abstract; Meeting Poster

Concept Codes:

00520 General biology - Symposia, transactions and proceedings

02506 Cytology - Animal

10062 Biochemistry studies - Nucleic acids, purines and pyrimidines

10064 Biochemistry studies - Proteins, peptides and amino acids

10068 Biochemistry studies - Carbohydrates

13014 Metabolism - Nucleic acids, purines and pyrimidines

15008 Blood - Lymphatic tissue and reticuloendothelial system

17002 Endocrine - General

20504 Nervous system - Physiology and biochemistry

32600 In vitro cellular and subcellular studies

Biosystematic Codes:

86375 Muridae

? d s

| Set | Items | Description |
|-----|-------|---|
| S1 | 195 | S AU=WEISS, S |
| S2 | 0 | S S1 AND OLIGODENDROCYTE |
| S3 | 11 | S S1 AND (NEURAL (W) STEM) |
| S4 | 11 | RD (unique items) |
| S5 | 0 | S S4 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S6 | 1 | S (OLIGODENDROCYTE (W) PROMOTING (W) FACTOR) |
| S7 | 1128 | S ((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE) |
| S8 | 52 | S S7 AND ((MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) STEM) OR ((NEURAL OR NEURONAL) (W) STEM) |
| S9 | 0 | S S8 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S10 | 2 | S S7 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S11 | 1 | RD (unique items) |

? S ((MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) STEM) OR ((NEURAL OR NEURONAL) (W) STEM)

| | |
|---------|---|
| 15336 | MULTIPOTENT |
| 10 | MULTI-POTENT |
| 2608344 | NEURAL |
| 834052 | NEURONAL |
| 982473 | STEM |
| 390 | (MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) STEM |
| 2608344 | NEURAL |
| 834052 | NEURONAL |
| 982473 | STEM |
| 16856 | (NEURAL OR NEURONAL) (W) STEM |

S12 16856 S ((MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) STEM) OR ((NEURAL OR NEURONAL) (W) STEM)

? s s12 and oligodendrocyte

| | |
|-------|-------------------------------|
| 16856 | S12 |
| 31097 | OLIGODENDROCYTE |
| S13 | 936 S S12 AND OLIGODENDROCYTE |

? S S13 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5)

Processing

| | |
|---------|--|
| 936 | S13 |
| 12656 | GM-CSF |
| 17 | C-CSF |
| 2044 | IL-3 |
| 2192 | IL-5 |
| 4756 | GRANULOCYTE-MACROPHAGE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 0 | GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR |
| 268679 | GRANULOCYTE |

577304 MACROPHAGE
533796 COLONY
665087 STIMULATING
5996818 FACTOR
98430 GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR
268679 GRANULOCYTE
533796 COLONY
665087 STIMULATING
5996818 FACTOR
80300 GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR
12661 INTERLEUKIN-3
9677 INTERLEUKIN-5
S14 7 S S13 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W)
COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W)
STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR
INTERLEUKIN-3 OR INTERLEUKIN-5)

? rd

>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S15 3 RD (UNIQUE ITEMS)

? t s15/medium/all

15/3/1 (Item 1 from file: 5) Links

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0014336061 Biosis No.: 200300293880

**GRANULOCYTE MACROPHAGE - COLONY STIMULATING FACTOR (GM - CSF) IS A FATE
DETERMINATION AND DIFFERENTIATION FACTOR FOR NEURAL STEM CELL - GENERATED
OLIGODENDROCYTE PRECURSORS (OLPS).**

Author: Dubois T M (Reprint); Weiss S (Reprint)

Author Address: Dept Neurosci, Univ Calgary, Calgary, AB, Canada**Canada

Journal: Society for Neuroscience Abstract Viewer and Itinerary Planner 2002 p Abstract No. 329.12 2002 2002

Medium: cd-rom

Conference/Meeting: 32nd Annual Meeting of the Society for Neuroscience Orlando, Florida, USA November 02-07, 2002; 20021102

Sponsor: Society for Neuroscience

Document Type: Meeting; Meeting Abstract; Meeting Poster

Record Type: Abstract

Language: English

15/3/2 (Item 2 from file: 5) Links

Fulltext available through: [ScienceDirect \(Elsevier\)](#) [USPTO Full Text Retrieval Options](#) [SCIENCECIRECT](#)
Biosis Previews(R)

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0009960077 Biosis No.: 199598427910

Cytokines regulate the cellular phenotype of developing neural lineage species

Author: Mehler Mark F (Reprint); Marmor Ronen; Gross Robert; Mabie Peter C; Zang Ziying; Papavasiliou Achilles; Kessler John A

Author Address: Dep. Neurol., Albert Einstein College Med., Bronx, NY 10461, USA**USA

Journal: International Journal of Developmental Neuroscience 13 (3-4): p 213-240 1995 1995

ISSN: 0736-5748

Document Type: Article

Record Type: Abstract

Language: English

? S S12 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5)

Processing

| | |
|---------|--|
| 16856 | S12 |
| 12656 | GM-CSF |
| 17 | C-CSF |
| 2044 | IL-3 |
| 2192 | IL-5 |
| 4756 | GRANULOCYTE-MACROPHAGE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 0 | GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR |
| 268679 | GRANULOCYTE |
| 577304 | MACROPHAGE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 98430 | GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR |
| 268679 | GRANULOCYTE |
| 533796 | COLONY |
| 665087 | STIMULATING |
| 5996818 | FACTOR |
| 80300 | GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR |
| 12661 | INTERLEUKIN-3 |
| 9677 | INTERLEUKIN-5 |

S16 75 S S12 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5)

? s s16 and oligodendrocyte

| | |
|-------|-----------------|
| 75 | S16 |
| 31097 | OLIGODENDROCYTE |

S17 7 S S16 AND OLIGODENDROCYTE

? s s16 and (((produce or differentiat?? or deriv??) (4n) oligodendrocyte))

| | |
|---------|---|
| 75 | S16 |
| 1732398 | PRODUCE |
| 696435 | DIFFERENTIAT?? |
| 3774920 | DERIV?? |
| 31097 | OLIGODENDROCYTE |
| 1128 | ((PRODUCE OR DIFFERENTIAT??) OR DERIV??) (4N) OLIGODENDROCYTE |

S18 0 S S16 AND (((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE))

? d s

| Set | Items | Description |
|-----|-------|---|
| S1 | 195 | S AU=WEISS, S |
| S2 | 0 | S S1 AND OLIGODENDROCYTE |
| S3 | 11 | S S1 AND (NEURAL (W) STEM) |
| S4 | 11 | RD (unique items) |
| S5 | 0 | S S4 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5) |
| S6 | 1 | S (OLIGODENDROCYTE (W) PROMOTING (W) FACTOR) |
| S7 | 1128 | S ((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE) |
| S8 | 52 | S S7 AND (((MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) |

STEM) OR ((NEURAL OR NEURONAL) (W) STEM))
S9 0 S S8 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W)
COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) C 12656
GM-CSF
OLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR)
OR INTERLEUKIN-3 OR INTERLEUKIN-5)
S10 2 S S7 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W)
COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W)
STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR
INTERLEUKIN-3 OR INTERLEUKIN-5)
S11 1 RD (unique items)
S12 16856 S (((MULTIPOTENT OR MULTI-POTENT) (W) (NEURAL OR NEURONAL) (W) STEM) OR
((NEURAL OR NEURONAL) (W) STEM))
S13 936 S S12 AND OLIGODENDROCYTE
S14 7 S S13 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W)
COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W)
STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR
INTERLEUKIN-3 OR INTERLEUKIN-5)
S15 3 RD (unique items)
S16 75 S S12 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W)
COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W)
STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR
INTERLEUKIN-3 OR INTERLEUKIN-5)
S17 7 S S16 AND OLIGODENDROCYTE
S18 0 S S16 AND (((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE))

? s (((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE))

1732398 PRODUCE
696435 DIFFERENTIAT??
3774920 DERIV??
31097 OLIGODENDROCYTE

S19 1128 S (((PRODUCE OR DIFFERENTIAT?? OR DERIV??) (4N) OLIGODENDROCYTE))

? s S19 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W) COLONY (W)
STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W)
FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR
INTERLEUKIN-5)

Processing

1128 S19
17 C-CSF
2044 IL-3
2192 IL-5
4756 GRANULOCYTE-MACROPHAGE
533796 COLONY
665087 STIMULATING
5996818 FACTOR
0 GRANULOCYTE-MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR
268679 GRANULOCYTE
577304 MACROPHAGE
533796 COLONY
665087 STIMULATING
5996818 FACTOR
98430 GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR
268679 GRANULOCYTE
533796 COLONY
665087 STIMULATING
5996818 FACTOR
80300 GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR
12661 INTERLEUKIN-3
9677 INTERLEUKIN-5
S20 2 S S19 AND (GM-CSF OR C-CSF OR IL-3 OR IL-5 OR (GRANULOCYTE-MACROPHAGE (W)

COLONY (W) STIMULATING (W) FACTOR). OR (GRANULOCYTE (W) MACROPHAGE (W) COLONY (W) STIMULATING (W) FACTOR) OR (GRANULOCYTE (W) COLONY (W) STIMULATING (W) FACTOR) OR INTERLEUKIN-3 OR INTERLEUKIN-5)

?
? rd

>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.

S21 1 RD (UNIQUE ITEMS)

? t s21/free
21/8/1 (Item 1 from file: 5) Links

0010152086 Biosis No.: 199698619919

Microglial-derived GM-CSF stimulates oligodendrocyte function in the central nervous system

1995

? s EGF51N
S22 4 S EGF51N

? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S23 4 RD (UNIQUE ITEMS)

? t s23/medium/all

23/3/1 (Item 1 from file: 357) Links

Derwent Biotech Res.

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0336858 DBA Accession No.: 2004-09150 PATENT

Increasing the number and/or differentiation of neural stem cells and/or neural stem cell progeny, useful for treating neurodegenerative diseases, comprises using pituitary adenylate cyclase-activating polypeptide neural stem cell differentiation using pituitary adenylate cyclase-activating protein for use in gene therapy

Author: WEISS S; OHTA S

Patent Assignee: STEM CELL THERAPEUTICS INC 2004

Patent Number: WO 200411497 **Patent Date:** 20040205 **WPI Accession No.:** 2004-143822 (200414)

Priority Application Number: US 399390 **Application Date:** 20020731

National Application Number: WO 2003CA1182 **Application Date:** 20030731

Language: English

23/3/3 (Item 3 from file: 357) [Links](#)

Derwent Biotech Res.

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0332888 DBA Accession No.: 2004-05180 PATENT

Use of islet neogenesis therapeutic composition and agent suppressing immune response in the manufacture of medicament for treating diabetes recombinant protein receptor for use in disease therapy and drug screening

Author: BRAND S J; CRUZ A

Patent Assignee: WARATAH PHARM INC 2003

Patent Number: WO 2003103701 **Patent Date:** 20031218 **WPI Accession No.:** 2004-062223 (200406)

Priority Application Number: US 430590 **Application Date:** 20021203

National Application Number: WO 2003US18377 **Application Date:** 20030609

Language: English

23/3/4 (Item 4 from file: 357) [Links](#)

Derwent Biotech Res.

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0319380 DBA Accession No.: 2003-20520 **PATENT**

New composition having epidermal growth factor protein resistant to proteolysis, useful for the manufacture of a treatment or a subject in need of regeneration of a tissue, in particular regeneration of precursor cells, and diabetes involving vector-mediated gene transfer and expression in host cell for use in pharmaceutical industry

Author: MAGIL S G; JONES S D; PACE G W; BRAND S J

Patent Assignee: WARATAH PHARM INC 2003

Patent Number: WO 200340310 **Patent Date:** 20030515 **WPI Accession No.:** 2003-532622 (200350)

Priority Application Number: US 840 **Application Date:** 20011023

National Application Number: WO 2002US33907 **Application Date:** 20021022

Language: English

? s s15 and ((epidermal (w) growth (w) factor) or (EGF) or (fibroblast (w) growth (w) factor) or FGF or (pituitary (w) adenylate (w) cyclase-activating) or PACAP or (transforming (w) growth (w) factor (w) alpha) or (TGF(w)alpha) or (ciliary (w) neurotrophic (w) factor) or CNTF or estrogen or (ovarian (w) hormone) or prolactin or (growth (w) hormone) or (insulin-like (w) growth (w) factor-1) or IGF-1)

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

3 S15

426343 EPIDERMAL
6969981 GROWTH
5996818 FACTOR
227510 EPIDERMAL (W) GROWTH (W) FACTOR
124685 EGF
430931 FIBROBLAST
6969981 GROWTH
5996818 FACTOR
139512 FIBROBLAST (W) GROWTH (W) FACTOR
56763 FGF
548029 PITUITARY
201680 ADENYLYATE
748 CYCLASE-ACTIVATING
662 PITUITARY (W) ADENYLYATE (W) CYCLASE-ACTIVATING
14429 PACAP
342059 TRANSFORMING
6969981 GROWTH
5996818 FACTOR
4842530 ALPHA
28364 TRANSFORMING (W) GROWTH (W) FACTOR (W) ALPHA
180395 TGF
4842530 ALPHA
22072 TGF (W) ALPHA
88942 CILIARY
97839 NEUROTROPHIC
5996818 FACTOR
13114 CILIARY (W) NEUROTROPHIC (W) FACTOR
8117 CNTF
503303 ESTROGEN
522041 OVARIAN
2173446 HORMONE
17869 OVARIAN (W) HORMONE
229957 PROLACTIN
6969981 GROWTH
2173446 HORMONE
297196 GROWTH (W) HORMONE
16279 INSULIN-LIKE
6969981 GROWTH
4059 FACTOR-1
0 INSULIN-LIKE (W) GROWTH (W) FACTOR-1
3386 IGF-1

S24 3 S S15 AND ((EPIDERMAL (W) GROWTH (W) FACTOR) OR (EGF) OR (FIBROBLAST (W) GROWTH (W) FACTOR) OR FGF OR (PITUITARY (W) ADENYLYATE (W) CYCLASE-ACTIVATING) OR PACAP OR (TRANSFORMING (W) GROWTH (W) FACTOR (W) ALPHA) OR (TGF(W)ALPHA) OR (CILIARY (W) NEUROTROPHIC (W) FACTOR) OR CNTF OR ESTROGEN OR (OVARIAN (W) HORMONE) OR PROLACTIN OR (GROWTH (W) HORMONE) OR (INSULIN-LIKE (W) GROWTH (W) FACTOR-1) OR IGF-1)

?
? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S25 3 RD (UNIQUE ITEMS)

? t s25/medium/all

25/3/1 (Item 1 from file: 5) Links

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0014336061 Biosis No.: 200300293880

GRANULOCYTE MACROPHAGE - COLONY STIMULATING FACTOR (GM - CSF) IS A FATE DETERMINATION AND DIFFERENTIATION FACTOR FOR NEURAL STEM CELL - GENERATED OLIGODENDROCYTE PRECURSORS (OLPS).

Author: Dubois T M (Reprint); Weiss S (Reprint)

Author Address: Dept Neurosci, Univ Calgary, Calgary, AB, Canada**Canada

Journal: Society for Neuroscience Abstract Viewer and Itinerary Planner 2002 p Abstract No. 329.12 2002 2002

Medium: cd-rom

Conference/Meeting: 32nd Annual Meeting of the Society for Neuroscience Orlando, Florida, USA November 02-07, 2002; 20021102

Sponsor: Society for Neuroscience

Document Type: Meeting; Meeting Abstract; Meeting Poster

Record Type: Abstract

Language: English